

Appl No. 09/828,239
Reply Dated January 25, 2006
Reply to Office Action of October 25, 2005

AMENDMENTS TO THE CLAIMS

The following Listing of Claims replaces all prior versions and listing of claims in this application.

Listing of Claims:

1. (Currently Amended) A light system on a helmet having an exposed exterior surface, the light system comprising:
at least one light source; and
at least one light conductive path permanently formed within and non-affixed on the exposed exterior surface of the helmet, the path having a first end optically coupled to the light source and a second end for emitting light.
2. (Original) The light system of claim 1 wherein the light conductive path is permanently adhered to the exterior surface.
3. (Original) The light system of claim 1 wherein at least a portion of the light conductive path is in-molded with the exterior surface.
4. (Original) The light system of claim 1 wherein the light conductive path comprises a fiber optic conductor and wherein the second end of the fiber optic conductor is polished to create a lens for emitting the light.
5. (Original) The light system of claim 1 wherein the light source comprises a light emitting diode.
6. (Original) The light system of claim 5 wherein the light source comprises a plurality of light emitting diodes of different colors.
7. (Original) The light system of claim 1, further comprising a protective overcoat over the light conductive path.
8. (Original) The light system of claim 1, further comprising logic circuitry connected to the light source for controlling light emitted by the light source.
9. (Original) The light system of claim 8, further comprising a receiver for receiving a signal, and wherein the logic circuitry controls the light source as a result of receiving the signal.

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10. (Original) The light system of claim 9 wherein the receiver is capable of receiving at least one of the following types of signals: an ultrasonic signal; an infrared signal; or a radio frequency signal.
11. (Original) The light system of claim 8 wherein the logic circuitry is programmed to permit selection between multiple programming sequences.
12. (Original) The light system of claim 8, further including a battery connected to the logic circuitry.
13. (Original) The light system of claim 12 wherein the exterior surface includes a removable compartment for containing the light source, the logic circuitry, and the battery.
14. (Original) The light system of claim 12 wherein the battery comprises a rechargeable battery.
- 15-28 Cancelled
29. (Previously Presented) A light system on a helmet, comprising:
 - a shell having an exposed exterior surface;
 - at least one light source;
 - a plurality of fiber optic conductors permanently formed within and non-affixed on the exterior surface of the shell, the fiber optic conductors each having a first end optically coupled to the light source and having a second end for emitting light;
 - a power source; and
 - logic circuitry coupled to the light source and the power source for controlling operation of the light source, wherein the light source, the power source, and the logic are located on the shell.
30. (Original) The light system of claim 29 wherein at least a portion of the fiber optic conductors are at least partially in-molded with the shell.